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VPCEC4AFX/BJ

STANDOUT FROM THE CROWD

The isolated keyboard has a numeric pad built-in for easy one-hand calculations. And with a pleasant-feeling textured touch pad that is integrated into the palmrest, your hands and fingers will be happy to compute.

HARDWARE BUTTONS

The VAIO® E Series laptop also comes with three special hardware buttons: VAIO, ASSIST and WEC that gets you to where you want to go with a touch of a button.

- One touch access to the web without full boot up into Windows® with WEB button.
- Press the VAIO button to launch Media Gallery™ software and create movies, and enjoy photos and music in a whole new way.
- ASSIST button links directly to VAIO Care™ software that helps maintain and troubleshoot any PC issues for optimal performance.

WATCH BLU-RAY DISC™ MOVIES

The versatile BD-ROM drive on the E Series laptop combines the power of HD Blu-ray Disc™ video playback with the convenience and utility of DVD and CD read/write functionalities. The best picture. The best sound. With stunning clarity, Blu-ray Disc™ technology is the ultimate way to enjoy your entertainment.

DEDICATED GRAPHICS

AMD Mobility Radeon™ dedicated graphics with 512MB of VRAM gives a performance boost to your day-to-day processor functions for an optimized overall computing experience regardless of the task.

INTEL® CORE™ I5 PROCESSOR TECHNOLOGY

The Intel® Core™ i5 Processor puts smart performance well within your reach. It delivers solid performance for everyday applications, with the ability to increase speed as needed for demanding tasks thanks to new Intel® Turbo Boost Technology[11]. It automatically adapts to whatever you are doing on your PC, dialing up speed to respond quickly to your needs. It's smart performance with a speed boost.

It also features Intel® Hyper-Threading Technology[12] which enables each core of your processor to work on two tasks at the same time, delivering the performance you need for smart multitasking. Get smart performance now.

ONE SLEEK PACKAGE

Enjoy performance and multimedia entertainment in an affordable 17.3" widescreen laptop. Add to that an Intel® Core™ i5 processor, Blu-ray Disc™ drive, loads of RAM and amazing picture quality; you'll have everything you need in one sleek package.

Performance and multimedia entertainment in a full size 17.3" HD widescreen laptop with an integrated number pad. An Intel® Core™ i5 processor, Blu-ray Disc™ drive and ATI™ dedicated graphics give you smart performance and amazing picture quality all in a sleek, up-market design.

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Specifications

General

Action Buttons: VAIO, ASSIST, WEB, Wireless On/Off

Pointing Device: Electrostatic Touchpad (Multi-Finger)

Hardware

Keyboard: QWERTY, 103 keys with 2.0mm stroke and 19.05mm pitch

Camera: Built-in MOTION EYE® camera and microphone

10-Key Numeric Pad: Yes

Processor

Type: Intel® Core™ i5-480M

Speed: 2.66GHz[1] with Turbo Boost Technology[11] up to 2.93GHz[1]

Technology: Dual Core

Cache: 3MB

Memory

Installed: 4GB (2GB x 2)

Maximum: 8GB

Type/Speed: DDR3-1066MHz

Hard Drive

Capacity: 750GB[2]

Speed: 5400rpm

Type: Serial ATA

Optical Drive

BD-R DL Read: 2.2x max

BD-R Read: 4x max

BD-RE DL Read: 2.2x max

BD-RE Read: 4x max

BD-ROM Read: 4x max

Blu-ray Disc™ Support: Read Only (BD-ROM)

CD Support: Read / Write (CD/-R/-RW)

DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

Type: Blu-ray Disc™ ROM Drive

Audio

Sound System: Intel® High Definition Audio with Dolby® Home Theater Technology

Display

Screen Size: 17.3"

Resolution: 1920 x 1080

Technology: FullHD

Back Light Technology: LED

Graphics

Processor: AMD Mobility Radeon™ HD 5470 Graphics

Video RAM: 512MB dedicated

Inputs and Outputs

Headphone Jack: 1

Memory Stick® Media Slot: 1

Microphone Input: 1

VGA Output(s): 1

DC-In: 1

e-SATA: 1

HDMI™ Output(s): 1

Express Card®/34 Slot: 1

Secure Digital (SD) Slot: 1

USB 2.0: 4

Power

Battery Type: Standard Capacity Lithium-Ion Battery

DVD Playback: up to 2.0 hours[4]

Default Brightness: up to 2.5 hours[4]

Maximum Brightness: up to 2.0 hours[4]

Start-up Times

Average Boot Time: 60 seconds

Average Resume Time from Suspend: 2 seconds

First Boot Time: 5 minutes

Wireless/Networking

Ethernet Protocol: 10baseT/100baseTX/1000baseT

Bluetooth® Technology: Bluetooth Integrated Stereo A2DP (2.1 + EDR)

WiFi Adapter: Atheros® 802.11b/g/n

Software

Operating System: Genuine Windows® 7 Home Premium 64-bit

Supplied Software: Microsoft® Office Starter[6] with reduced-functionality versions of Word and Excel, VAIO Care™ , Media Gallery™ , PMB - VAIO Edition[5]

Anti-Virus Software: Norton Internet Security™ 2011 30-Day Trial Offer[7]

Adobe Creative Software: Adobe Acrobat Standard 9.0, Adobe Photoshop® Elements 8.0, Adobe Premiere® Elements 8.0[5]

Service and Warranty Information

Onsite/In-Home Service: Yes[8]

International Service: Yes

Limited Warranty Term: 1 Year Limited Warranty. See actual warranty for details.

Environmental Information

EPEAT™ : Gold

RoHS®: Compliant

ENERGY STAR®: 5.0

Dimensions

Weight: 7.3 lbs. (with Standard Capacity Battery)

Measurements: 16.1" (W) x 1.25" (H) x 10.78" (D)

Supplied Accessories

Standard Capacity Lithium-Ion Battery (3500mAh), AC Adapter, Power Cord

Color: Gunmetal Black

UPC Code: 027242821897

1. GHz denotes microprocessor internal clock speed and may vary.
2. 1 GB = 1 billion bytes. Actual formatted capacity will be less.
3. Viewable area measured diagonally.
4. Estimates only based upon Sony engineering testing. Actual performance will vary based on notebook settings, environmental conditions, and usage. Battery capacity decreases over time and use.
5. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the aplicable software vendor. Long distance charges may apply.
6. This PC is preloaded with reduced-functionality versions of Word and Excel that include advertising. Purchase an Office 2010 Product Key to activate full-featured Office software on this PC.
7. Norton Internet Security™ 2011 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.
8. Availability may be limited. See limited warranty for details.
9. HDMI cable sold separately.
10. Excluding end user interaction.
11. Requires TV adapter and compatible television. Does not support Blu-ray® disc or other protected content playback.
12. Requires a system with Intel® Turbo Boost Technology capability. Intel Turbo Boost Technology 2.0 is available only on 2nd generation Intel® Core™ i5 and i7 processors. Performance varies depending on hardware, software and system configuration.
13. Available on select Intel® Core™ processors. Requires an Intel® HT Technology enabled system. Performance will vary depending on the specific hardware and software used.
14. Mobile broadband service sold separately.
15. Compatible camera and supporting media sold separately.
16. Allocation of system memory to graphics varies depending on operating condition, version of device driver and total system memory size.

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